

Converting Colors

CIELCh(65, 3.502, 10.757)

Have a look what the booklet for
CIELCh(65, 3.502, 10.757) contains.

CIELCh(65, 3.521, 10.559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 3.521, 10.559)

Conversions

Conversions Part 1

Format	Color
Hex	A59C9D
RGB	165, 156, 157
RGB Percent	65%, 61%, 62%
CMY	0.3543, 0.3896, 0.3857
CMYK	0.00, 0.05, 0.05, 0.35
HSL	353°, 5%, 63%
HSV	353°, 5%, 65%
XYZ	33.3329, 34.0472, 36.5601
YIQ	158.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

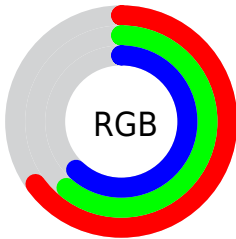
Format	Color
RYB	165, 156, 157
Decimal	10853533
CIELab	65.00, 3.46, 0.65
CIElCh	65, 3.521, 10.559
Yxy	34.0472, 0.3207, 0.3276
Android (android.graphics.Color)	4289043613 (0xFFFA59C9D)
YUV	158.8050, -0.8899, 5.4330
Hunter-Lab	58.3500, -0.1429, 3.6958

Details

The CIELCh color **65, 3.521, 10.559** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 3.425, 189.983**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 3.801, 3.519**, and **45, 3.377, 9.598** is the 20% darker color. If you saturate the color by 10%, you get **60, 10.281, 11.592**, and if you desaturate by 10%, it is **70, 2.827, 190.102**.

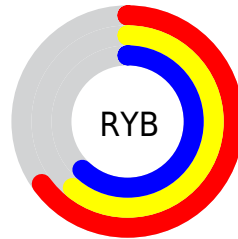
Distribution



Red (65%)

Green (61%)

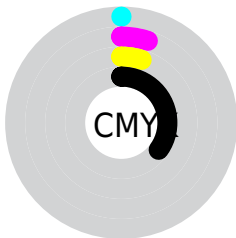
Blue (62%)



Red (65%)

Yellow (61%)

Blue (62%)

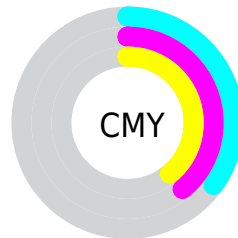


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.521, 10.559 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 3.521, 10.559 by changing the saturation by 10% instead.

 65, 3.521, 10.559  65, 3.521, 10.559

 100, 3.521, 10.559  55, 3.521, 10.559

 85, 3.521, 10.559  45, 3.521, 10.559

 95, 3.521, 10.559  35, 3.521, 10.559

 25, 3.521, 10.559

 15, 3.521, 10.559

 5, 3.521, 10.559

 0, 3.521, 10.559

 65, 3.521, 10.559  65, 3.521, 10.559

 60, 10.281, 11.592  70, 2.827, 190.102

56, 17.452, 12.732

75, 8.775, 189.334

51, 24.985, 14.124

80, 14.354,
188.747

47, 32.778, 15.862

84, 19.597,
188.244

43, 40.658, 18.058

40, 48.389, 20.840

89, 24.540,
187.804

37, 55.706, 24.318

94, 29.216,
187.413

36, 62.380, 28.489

34, 68.208, 33.050

95, 28.180,
197.681

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 3.521, 10.559



67, 3.425, 189.983

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 3.521, 10.559



65, 3.521, 60.559



65, 3.521, 190.559



65, 3.521, 240.559

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 3.520, 10.582



85, 1.581, 10.078



65, 5.866, 321.463



45, 0.897, 10.046



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 3.520, 10.582



82, 5.617, 10.755



66, 2.853, 61.214



33, 2.913, 10.783



30, 64.126, 34.331



1, 5.532, 11.113

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65, 3.520, 10.582



82, 5.617, 10.755



66, 2.797, 242.555



33, 2.913, 10.783



30, 64.126, 34.331



1, 5.532, 11.113

Previews

White Background



This preview shows how the CIELCh color 65, 3.521, 10.559 looks on a white background.

Color Contrast Check

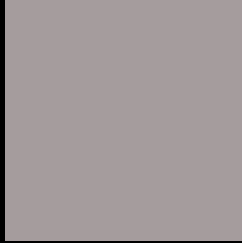
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 3.521, 10.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

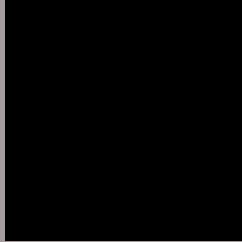
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

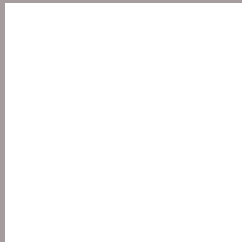
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.521, 10.559

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.521, 10.559.

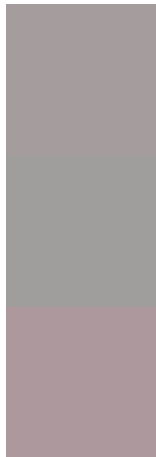


This preview shows how white text looks on a background with the CIELCh color 65, 3.521, 10.559.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65, 3.521, 10.559

Protanopia

65, 1.151, 19.110

Deuteranopia

65, 8.093, 4.279



Tritanopia
65, 8.112, 324.803

Trichromacy



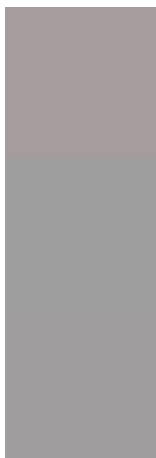
Original Color
65, 3.521, 10.559

Protanomaly
65, 1.922, 19.342

Deuteranomaly
65, 6.431, 4.999

Tritanomaly
65, 6.140, 333.590

Monochromacy



Original Color
65, 3.521, 10.559

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.285, 353.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.521, 10.559 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(165, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(165, 156, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(165, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 156, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.521, 10.559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 156, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(165, 156, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(165, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(165, 156,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.521, 10.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 156, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(165,  
156, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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